1. A biochip comprising probes spotted on a plate at a plurality of positions by using a binding agent for binding the probes to the plate, wherein the binding agent is locally spotted at positions where the probes are spotted.

2. The biochip according to claim 1, wherein the material of the plate is selected from the group comprising glass, nylon membranes, silicone wafer, polyimide resin and polymer plastic.

3. The biochip according to claim 1 or 2, wherein the binding agent is selected from the group comprising poly-1-lysine, carbodinide and silylation-coating.

4. A method for producing a biochip by spotting probes on a plate by using a binding agent for binding the probes to the plate, the method comprising a step of spotting mixtures of respective probes and the binding agent on the plate.

5. A method for producing a biochip by spotting probes on a plate, the method comprising the steps of:

spotting a binding agent for binding the probes to the plate at positions where the probes are to be spotted; and spotting the probes on the plate at positions where the binding agent is spotted.

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6. The method for producing a biochip according to claim 4 or 5, wherein the plate is made of a material which is selected from the group comprising nylon membranes, glass, silicone wafer, polyimide resin and polymer plastic.

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- 7. The method according to any of <u>claims</u> 4 to 6, wherein the binding agent is selected form the group comprising poly-1-lysine carbodiimide and silylation-coating.
- 8. The method for producing a biochip according to any one of claims 4 to 7, wherein the probes are spotted by using a pin with a recessed tip.
- 9. A pin used for spotting a probe on a plate, wherein a tip of the pin comprises at least one recess.
- 10. The pin according to claim 9, wherein the recess is of a concave shape.
- 11. The pin according to claim 9, wherein the recess comprises at least one groove.
- 12. The pin according to claim 9 or 11, wherein the recess comprises a radially-shaped groove.

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